TUOHANG

Certificates & Company Registrations

English Compilation

Companies: Baoji Tuohang Precision Manufacturing Co., Ltd.
Baoji Qicheng Non-ferrous Metals Co., Ltd. (affiliated)

Location: Baoji, Shaanxi, China

Compiled: November 20, 2026

No.	Document	Holder
01	ISO 9001:2015 Certificate — original English certificate	Tuohang
02	Business License	Tuohang
03	Foreign Trade Operator Registration	Tuohang
04	ISO 9001:2015 Certificate (English version — transcribed fields)	Tuohang
05	Official Certification Verification (CNCA)	Tuohang
06	Integrity Entrepreneur Award	Du Shuanqiang / Tuohang
07	ISO 9001:2015 Certificate	Qicheng (affiliated)
08	Test Report — Chemical Composition (TC4)	Qicheng (affiliated)
09	Test Report — Tensile, Room Temperature (TC4)	Qicheng (affiliated)
10	Test Report — Tensile, Room Temperature (TA15)	Qicheng (affiliated)

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01 ISO 9001:2015 Certificate

Baoji Tuohang Precision Manufacturing Co., Ltd. — original English certificate



BEIJING HANGXIE CERTIFICATION CENTER CO.,LTD.

QUALITY MANAGEMENT SYSTEM CERTIFICATION

Baoji Tuohang Precision Manufacturing Co., Ltd

Registration No :	**03424Q50812R0M**
Organization Code:	91610301MA6XJKML8A
Registration Address:	Plant No.3 Phase I, High-end Equipment Industrial Park, Shuxiang Road, Baoji High-tech Development Zone, Shaanxi Province, China
Audition Address:	Plant No.3 Phase I, High-end Equipment Industrial Park, Shuxiang Road, Baoji High-tech Development Zone, Shaanxi Province, China
In conformity with :	**GB/T 19001-2016/ISO 9001:2015**
Certification scope:	**Production of titanium and titanium alloy products ; The processing of mechanical parts**
Issue Date:	Jun. 20, 2024 Expiry Date: Jun. 19, 2027
First Issue Date:	Jun. 20, 2024

中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C034–M

General Manager:

BEIJING HANGXIE
CERTIFICATION CENTER CO.,LTD.

After this certificate is issued, there should be at least 2 surveillance audits within the 3 year period of validity, the current validity of the certificate can be checked on (www.bhxcc.com.cn) The certificate Information is available on the official website of the National Certification and Accreditation Administration (www.cnca.gov.cn) It is also available by scanning the two-dimensional code at the bottom right corner.

Address : NO.7 Jingshun Road, Chaoyang District, Beijing,China.

Original English-language certificate issued by Beijing Hangxie Certification Center Co., Ltd. Registration No. 03424Q50812R0M, valid to June 19, 2027. A full transcription of the certificate fields appears on page 04.

02 Business License

Baoji Tuohang Precision Manufacturing Co., Ltd.

Document	Business License (duplicate copy)
Company Name	Baoji Tuohang Precision Manufacturing Co., Ltd.
Unified Social Credit Code	91610301MA6XJKML8A
Company Type	Limited Liability Company (sole proprietorship by a natural person)
Legal Representative	Du Shuanqiang
Registered Capital	RMB 20,000,000
Date of Establishment	December 1, 2020
Registered Address	Plant No. 3, Phase I, High-end Equipment Industrial Park, Shuxiang Road, Baoji High-tech Development Zone, Shaanxi Province, China
Registration Authority	Baoji Market Supervision Administration
Issue Date	September 8, 2023
Business Scope	Sales of high-speed precision heavy-duty bearings; rolling processing of non-ferrous metals; manufacturing of forgings and powder metallurgy products; sales of high-performance non-ferrous metals and alloy materials; manufacturing of non-ferrous metal alloys; manufacturing of metal tools; smelting of common non-ferrous metals; non-ferrous metal casting; sales of metal materials; sales of metal products; sales of metal tools; sales of fasteners; manufacturing of metallurgical special equipment; manufacturing of metal materials; research and development of machinery and equipment; R&D of metal products; R&D of new material technologies; import and export of goods; import and export of technology; (business activities conducted independently in accordance with the law).

> Translated from the original Chinese business license. All figures and codes are reproduced from the source document.

03 Foreign Trade Operator Registration

Filing registration for import & export operations

Registration Form No.	05197330
Operator Name (Chinese)	Baoji Tuohang Precision Manufacturing Co., Ltd.
Operator Name (English)	Baoji Tuohang Precision Manufacturing Co., Ltd.
Unified Social Credit Code	91610301MA6XJKML8A
Import & Export Enterprise Code	
Operator Type	Limited Liability Company
Registered Address	Plant No. 3, Phase I, High-end Equipment Industrial Park, Shuxiang Road, Baoji High-tech Development Zone, Shaanxi Province, China
Business Premises (English)	Plant No. 3, Phase I, High-end Equipment Industrial Park, Shuxiang Road, Baoji High-tech Development Zone, Shaanxi Province
Telephone	0917-3804961
Fax	0917-3804961
Mobile / Tel (current)	+86 177 0296 4366
WhatsApp	+86 177 0296 4366
Postal Code	721013
Email	info@qctitanium.com
Date of Business Registration	December 1, 2020
Legal Representative	Du Shuanqiang
Registered Capital	RMB 20 million
Filing Date	August 19, 2022

> Translated from the original Chinese filing form. The Import & Export Enterprise Code field is blank in the source. The email and mobile shown are the current business contact details supplied by the company; the source filing form records the legacy address qctitanium@163.com and the landline 0917-3804961. Personal identification numbers are intentionally omitted from this English compilation.

04 ISO 9001:2015 Certificate

Baoji Tuohang Precision Manufacturing Co., Ltd. — English version only

Document	Quality Management System Certification
Certified Company	Baoji Tuohang Precision Manufacturing Co., Ltd.
Registration No.	03424Q50812R0M
Organization Code	91610301MA6XJKML8A
Registration Address	Plant No. 3, Phase I, High-end Equipment Industrial Park, Shuxiang Road, Baoji High-tech Development Zone, Shaanxi Province, China
Audit Address	Plant No. 3, Phase I, High-end Equipment Industrial Park, Shuxiang Road, Baoji High-tech Development Zone, Shaanxi Province, China
Standard	GB/T 19001-2016 / ISO 9001:2015
Certification Scope	Production of titanium and titanium alloy products; the processing of mechanical parts
Issue Date	June 20, 2024
First Issue Date	June 20, 2024
Expiry Date	June 19, 2027
Certification Body	Beijing Hangxie Certification Center Co., Ltd. (AVIC)
Accreditation	CNAS C034-M; member of IAF Multilateral Recognition Arrangement
Body Address	No. 7 Jingshun Road, Chaoyang District, Beijing, China
Body Website	www.bhxcc.com.cn

> Only the English-language version of the certificate is presented here, as requested. The source certificate is bilingual (English and Chinese).

05 Official Certification Verification

CNCA Certification E-Cloud — certificate status record

Certificate No.	03424Q50812R0M
Certificate Status	Valid
Certified Organization	Baoji Tuohang Precision Manufacturing Co., Ltd.
Organization Address	Plant No. 3, Phase I, High-end Equipment Industrial Park, Shuxiang Road, Baoji High-tech Development Zone, Shaanxi Province, China
Certification Standard	GB/T 19001-2016 / ISO 9001:2015
Certified Scope	Production of titanium and titanium alloy products; processing of mechanical parts
Persons Covered by System	65
Issue Date	June 20, 2024
Expiry Date	June 19, 2027
First Certification Date	June 20, 2024
Certification Body	Beijing Hangxie Certification Center Co., Ltd.
Body Address	No. 7 Jingshun Road
Body Website	www.bhxcc.com.cn
Accreditation Mark	CNAS
Verification Date	November 18, 2026

> Translated from the official CNCA (National Certification and Accreditation Administration) online verification record.

06 Integrity Entrepreneur Award

General Manager Du Shuanqiang

Award Title	Integrity Entrepreneur — General Manager
Recipient	Du Shuanqiang
Certified Organization	Baoji Tuohang Precision Manufacturing Co., Ltd.
Unified Social Credit Code	91610301MA6XJKML8A
Certificate No.	FY20210525109120 20XX
Assessment Standard	Q/6105Y001-2020
Verification Website	www.cpzl.net
Award Date	May 2021
Standard Filing Authority	Standardization Administration of China
Issuing Authority	Shaanxi Provincial Quality Inspection and Testing Management Center

> Translated from the original Chinese certificate. The certificate number is reproduced verbatim, including the trailing characters as printed.

07 ISO 9001:2015 Certificate

Baoji Qicheng Non-ferrous Metals Co., Ltd. (affiliated company) — original English certificate

Document	Quality Management System Certificate
Certified Company	Baoji Qicheng Non-ferrous Metals Co., Ltd.
Certificate No.	HIC250047
Unified Social Credit Code	91610301507806081G
Registered Address	Plant No. 2, Phase I, High-end Equipment Industrial Park, Shuxiang Road, Baoji High-tech Development Zone, Shaanxi Province
Audit Address	Plant No. 2, Phase I, High-end Equipment Industrial Park, Shuxiang Road, Baoji High-tech Development Zone, Shaanxi Province
Standard	GB/T 19001-2016 / ISO 9001:2015
Certification Scope	Production and sales of titanium and titanium alloys (plates, rods, wires, tubes, precision parts)
Date of Initial Certification	January 10, 2025
Date of Replacement	October 15, 2025
Certificate Expiry	January 9, 2028
Certification Body	Shenzhen Hua Kai Inspection & Certification Co., Ltd. (HIC)
Accreditation	CNAS C134-M; member of IAF Multilateral Recognition Arrangement
Body Address	25B, Haili Building North Block, No. 3019, Sungang East Road, Luohu District, Shenzhen, Guangdong Province, China
Body Website	www.hicgroup.com.cn



HIC CERTIFICATION

QUALITY MANAGEMENT SYSTEM CERTIFICATE

This is to certify that the Quality Management System of

Baoji Qicheng Non-ferrous Metals Co.，Ltd

Registered Address: Plant No.2，Phase 1，High-end Equipment Industrial Park，Shuxiang Road，Baoji High-tech Development Zone，Shaanxi Province

Audit Address: Plant No.2，Phase 1，High-end Equipment Industrial Park，Shuxiang Road，Baoji High-tech Development Zone，Shaanxi Province

by reason of its
Quality Management System
has been awarded this certificate for compliance with standard

GB/T 19001-2016 / ISO 9001:2015

for the

Production and sales of titanium and titanium alloys (plates, rods, wires, tubes, precision parts)

Certificate No: HIC250047
Unified Social Credit Code: 91610301580760881G
Date Of Initial Certification: 10 Jan 2025
Date Of Replacement : 15 Oct 2025
Certificate Expiry: 09 Jan 2028

签 发

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT IAF

CNAS 中国认可 国际互认 管理体系 MANAGEMENT SYSTEM CNAS C194-M

Please scan QR code to check the certification validity

First supervision Qualified sign

Second supervision Qualified sign

This certificate is issued by Shenzhen Hua Kai Inspection & Certification Co., Ltd., the certified organizations shall regularly accept the supervision. This certificate shall be used in conjunction with the "Notice of Supervisory Qualification" issued by HIC. and if the certificate is marked with a qualified sign, it indicates that the certificate holder has passed the supervision and can keeping the registration qualification. For obtaining the validity of the certificate, please visit http//: www.hicgroup.com.cn.
The certificate information is also available on the CNCA official website: http://www.cnca.gov.cn

HIC Certification Service

25B,Baihui Building North Block,No.3019,Sungang East Road,Luohu District,Shenzhen City,Guangdong Province,China hic@hicgroup.com.cn

> The original certificate is in English and is reproduced below as scanned. This certificate belongs to the affiliated upstream company, not to Baoji Tuohang Precision Manufacturing Co., Ltd.

08 Test Report — Chemical Composition

TC4, heat 6773# — Baoji Titanium Valley Testing Centre (TVT), report 250604685

Report No.	250604685
Laboratory	Baoji Titanium Valley New Materials Testing Centre (TVT)
Laboratory address	No. 195 Gaoxin Street, Baoji, Shaanxi Province, China
Consignor	Baoji Qicheng Non-ferrous Metals Co., Ltd.
Sample	Titanium alloy plate, 1 piece
Grade	TC4
Heat No.	6773#
Dimensions	40 mm thickness × L
Test date	11 June 2025
Test method	ASTM E2371-21a; GB/T 4698.7-2011, GB/T 4698.14-2011, GB/T 4698.15-2011
Report pages	Page 3 of 3 (results page)

Chemical composition, wt%

Al	Fe	V	O	N	C	H
6.27	0.130	3.95	0.153	0.021	0.025	0.0032

> Transcribed from the Chinese original on the next page. A test report covers the heat named on it and nothing else, so the report for the heat actually shipped travels with each order rather than this example.

宝鸡钛谷新材料检测技术中心有限公司

钛谷新材料检测技术中心检测报告

（Testing Report of TVT ）　　报告编号:250604685

CXJ28-01 (0)　　Report NO.

委托单位 (Consumer)	宝鸡启成有色金属有限公司	联系方式 (contact information)	0917-3804961
客户地址 (Address)	陕西省宝鸡市高新开发区书香路高端装备产业园一期 3 号厂房		
材料牌号 (Trademark)	TC4	规格/状态 (Dimensions/ Conditions)	δ 40×Lmm
锭号/批号 (Ingot NO.)	6773#	样品数量 (Sample Quantity)	1 件
设备名称/设备编号 (Equipment/ Equipment NO.)	ON 分析仪/ TVT-H004 CS 分析仪/ TVT-H005 H 分析仪/ TVT-H006 ICP-OES/ TVT-H007	产品标准 (Product Standard)	/
检测地点 (Test Location)	化学检测室	样品状况描述 (Sample Description)	试样为块状，需机加制样。
委托日期 (Date)	2025. 06. 10	检测日期 (Test Date)	2025. 06. 11
分包项目 (Subcontracting)	无	是否抽样 (Sampling)	否

检验项目及结论（Testing Item and Assessment）：

化学检验（Chemistry Report）　环境温度(℃) Temperature: 22 环境湿度(%)Humidity：40

送样编号 (Sample No.)	检测项目（Test Items）&试验结果（Results）（wt%）							备注 (Remark)
	Al	Fe	V	O	N	C	H	/
/	6.27	0.130	3.95	0.153	0.021	0.025	0.0032	/
检测标准/依据 (Test Method)	ASTM E2371-21a			GB/T 4698.7-2011		GB/T 4698.14-2011	GB/T 4698.15-2011	/

以下空白

编制 Writer		审核 Peer Check		批准: Approver		签发日期 Date of Issue	2025.6.23

声　明：1. 检测结果仅对所送样品负责；

Declaration: Testing result are only representative for the sample;

2. 未经本公司书面批准，不得部分复制（全文复制除外）检测报告。

The testing report can not be partial copied without the permission of our company.

3. 如对本报告有异议，请在发出报告之日起 3 个月内提出。

Please reply to TVT within three months if doubting the reports.

地址：陕西省宝鸡市高新大道 195 号
Address: No. 195 Gaoxin street in Baoji, Shaanxi

The original Chinese report 250604685 — TC4, heat 6773# — reproduced as scanned, page 3 of 3. Its fields are transcribed on the preceding page; no value has been changed.

09 Test Report — Tensile, Room Temperature

TC4, heat 4893-4 — Shaanxi Yichuang Titanium & Zirconium Test Co., Ltd., report TZ2024-23847

Report No.	TZ2024-23847
Laboratory	Shaanxi Yichuang Titanium & Zirconium Test Co., Ltd.; National Center for Quality Inspection and Testing of Titanium Materials
Laboratory address	No. 85 Baoti Road, High-tech Development Zone, Baoji, Shaanxi, China
Accreditation	CNAS L7870; CMA 210016349113
Consignor	Baoji Qicheng Non-ferrous Metals Co., Ltd.
Sample	Titanium alloy plate, 1 piece
Grade	TC4
Heat No.	4893-4
Dimensions	12 × 188 × 639 mm
Test date	30 September 2024
Report date	30 September 2024
Test method	GB/T 228.1-2021
Report pages	Page 3 of 3 (results page)

Tensile at room temperature

Rm (MPa)	Rp0.2 (MPa)	A (%)	Z (%)
933	843	12.5	38

> Transcribed from the Chinese original on the next page. The laboratory is accredited by CNAS (L7870) and CMA (210016349113), as printed on the report cover, so the result can be traced back to the issuing body.

陕 西 亿 创 钛 锆 检 测 有 限 公 司

Shaanxi Yichuang Titanium & Zirconium Metal Materials Test Co., Ltd.

检 测 报 告

Test Report

检测结果
Test results

样品编号 Sample No.	编号 No.	检测项目 Test Items	检测结果 Test results	检测方法 Test Methods
室温拉伸（Tensile testing at room temperature ）				
/	01	抗拉强度 Rm(MPa)	933	GB/T 228.1-2021
		规定塑性延伸强度 Rp0.2(MPa)	843	
		断后伸长率 A(%)	12.5	
		断面收缩率 Z(%)	38	
备注 NOTE: /				
以下空白 End of Report				

The original Chinese report TZ2024-23847 — TC4, heat 4893-4 — reproduced as scanned, page 3 of 3. Its fields are transcribed on the preceding page.

10 Test Report — Tensile, Room Temperature

TA15, heat 2884# — Baoji Titanium Valley Testing Centre (TVT), report 250503825

Report No.	250503825
Laboratory	Baoji Titanium Valley New Materials Testing Centre (TVT)
Laboratory address	No. 195 Gaoxin Street, Baoji, Shaanxi Province, China
Consignor	Baoji Qicheng Non-ferrous Metals Co., Ltd.
Sample	Titanium alloy plate, 1 piece
Grade	TA15
Heat No.	2884#
Dimensions	14 mm thickness
Test date	13 May 2025
Test method	GB/T 228.1-2021, method A
Report pages	Page 2 of 2 (results page)

Tensile at room temperature

Rm (MPa)	Rp0.2 (MPa)	A (%)	Z (%)
1031	963	13.5	38

> Transcribed from the Chinese original on the next page. TA15 is the near-alpha grade used for high-temperature structural parts; the same test pattern is applied to it as to TC4, on the heat named above.

宝鸡钛谷新材料检测技术中心有限公司

钛谷新材料检测技术中心检测报告

（Testing Report of TVT ）　　报告编号:250503825

CXJ28-01 (0)　　Report NO.

委托单位 (Consumer)	宝鸡启成有色金属有限公司	联系方式 (contact information)	0917-3804961
客户地址 (Address)	陕西省宝鸡市高新开发区书香路高端装备产业园一期 3 号厂房		
材料牌号 (Trademark)	TA15	规格/状态 (Dimensions/ Conditions)	δ 14mm
锭号/批号 (Ingot NO.)	2884#	样品数量 (Sample Quantity)	1 件
设备名称/设备编号 (Equipment/ Equipment NO.)	电子万能试验机/TVT-L036	产品标准 (Product Standard)	/
检测地点 (Test Location)	力学检测室	样品状况描述 (Sample Description)	试样为块状，需机加制样
委托日期 (Date)	2025. 05. 13	检测日期 (Test Date)	2025. 05. 13
分包项目 (Subcontracting)	无	是否抽样 (Sampling)	否

检验项目及结论（Testing Item and Assessment）：

力学检验（Mechanical Report）

检测项目（Test Items）：室温拉伸 环境温度(℃) Temperature: 24 环境湿度(%)Humidity： 42

送样编号 (Sample No.)	试验结果 (Results)				备注 (Remark)
	屈服强度 $R_{p0.2}$（MPa）	抗拉强度 R_m（MPa）	断后伸长率 A（%）	断面收缩率 Z（%）	
/	963	1031	13.5	38	/
检测标准/依据 (Test Method)	GB/T 228.1-2021 （方法 A）				/

以下空白

编制 Writer		审核 Peer Check		批准: Approver		签发日期 Date of Issue	2025. 5. 14

声　明：1. 检测结果仅对所送样品负责；

Declaration: Testing result are only representative for the sample;

2. 未经本公司书面批准，不得部分复制（全文复制除外）检测报告。

The testing report can not be partial copied without the permission of our company.

3. 如对本报告有异议，请在发出报告之日起 3 个月内提出。

Please reply to TVT within three months if doubting the reports.

地址：陕西省宝鸡市高新大道 195 号
Address: No. 195 Gaoxin street in Baoji, Shaanxi

> The original Chinese report 250503825 — TA15, heat 2884# — reproduced as scanned, page 2 of 2. Its fields are transcribed on the preceding page.

-- Notes on This Compilation

Reading notes and source references

1. Two separate ISO 9001 certificates. Baoji Tuohang Precision Manufacturing Co., Ltd. holds certificate No. 03424Q50812R0M (valid to June 19, 2027), issued by Beijing Hangxie Certification Center Co., Ltd. Baoji Qicheng Non-ferrous Metals Co., Ltd. holds a separate certificate No. HIC250047 (valid to January 9, 2028), issued by Shenzhen Hua Kai Inspection & Certification Co., Ltd. These are two distinct certificates held by two distinct legal entities.

2. English and originals. The original English-language ISO 9001 certificate of Tuohang is reproduced as the first certificate (page 01), with a full transcription of its fields on page 04. Small Chinese characters appearing inside the CNAS accreditation mark on that scan are part of the official mark printed by the certification body, not translated body text. The business licence, trade registration, integrity award and CNCA record are presented as English translations rather than scanned originals, to keep the body of this compilation in English. The three test reports are the exception: each is transcribed in English and followed by the Chinese report as scanned, because a laboratory report is evidence, and the scan is the part a buyer's quality function will ask to see.

3. Data fidelity. All company names, codes, certificate numbers, dates and figures are reproduced from the source files. Fields that are blank in the source (for example, the Import & Export Enterprise Code) are left blank. Personal identification numbers appearing on the original filing form are intentionally omitted.

4. Contact details. Current business contact: info@qctitanium.com; Tel / WhatsApp: +86 177 0296 4366. The source filing form records the legacy email qctitanium@163.com and landline 0917-3804961; these are reproduced only in the translation note on page 03 for traceability.

5. Test reports. Sections 08–10 reproduce reports issued by independent laboratories for specific heats of Qicheng material. Report numbers, heat numbers, dimensions, dates, test methods and results are transcribed as printed, including the laboratory's own symbol (δ for thickness); no value has been rounded, converted or averaged. Each report covers only the heat named on it, and the report for the heat actually shipped travels with the order.